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cont

subpopulations of [molecules] peptides in the population have different oligonucleotide tags attached and (ii) such that each oligonucleotide tag from the repertoire comprises a plurality of subunits and each subunit of the plurality consists of an oligonucleotide having a length from three to six nucleotides or from three to six basepairs, the subunits being selected from a minimally cross-hybridizing set; and

(b) sorting the [molecules] peptides or subpopulations of [molecules] peptides of the population by specifically hybridizing the oligonucleotide tags with their respective complements.

#### REMARKS

Claim 1 has been amended and claims 2 and 11-13 have been cancelled. Claims 1 and 3-10 are currently pending in the application.

Basis for the amendment is found on page 15, lines 9-14 of the specification.

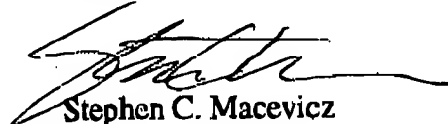
Attorney for Applicant gratefully acknowledges the 6 February telephone discussion with the Examiner concerning the restriction requirement in the above application, which by prior telephone requirement was set forth as follows:

I: 1-10

II: 11-13

Applicant provisionally elects with traverse to prosecute the claims of group I for the species "peptides". The above claims have been amended or cancelled in order to expedite the prosecution of the application.

Respectfully submitted,



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